

IL18R1Antibody(C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20911c**Specification**

IL18R1Antibody(C-term) - Product Information

Application	WB,E
Primary Accession	Q13478
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	62304

IL18R1Antibody(C-term) - Additional Information**Gene ID** 8809**Other Names**

Interleukin-18 receptor 1, IL-18R-1, IL-18R1, CD218 antigen-like family member A, CDw218a, IL1 receptor-related protein, IL-1Rrp, IL1R-rp, CD218a, IL18R1, IL1RRP

Target/Specificity

This IL18R1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 527-561 amino acids from the C-terminal region of human IL18R1.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IL18R1Antibody(C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

IL18R1Antibody(C-term) - Protein Information**Name** IL18R1 ([HGNC:5988](#))**Synonyms** IL1RRP

Function Within the IL18 receptor complex, responsible for the binding of the pro-inflammatory cytokine IL18, but not IL1A nor IL1B (PubMed:[14528293](#), PubMed:[25261253](#), PubMed:[25500532](#), PubMed:[37993714](#), PubMed:[8626725](#)). Involved in IL18-mediated IFNG synthesis from T-helper 1 (Th1) cells (PubMed:[10653850](#)). Contributes to IL18-induced cytokine production, either independently of SLC12A3, or as a complex with SLC12A3 (By similarity).

Cellular Location

Membrane; Single- pass type I membrane protein

Tissue Location

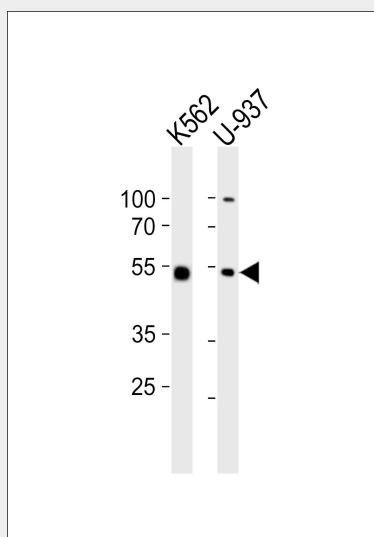
Highly expressed in leukocytes, spleen, lung. Also expressed, but at lower levels, in liver, small intestine, colon, prostate, thymus, placenta, and heart. Specifically coexpressed with IL18R1 in Th1 cells (PubMed:[10653850](#), PubMed:[10925275](#), PubMed:[11046021](#)).

IL18R1Antibody(C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IL18R1Antibody(C-term) - Images



Western blot analysis of lysates from K562, U-937 cell line (from left to right), using IL18R1 Antibody (C-term)(Cat. #AP20911c). AP20911c was diluted at 1:1000 at each lane. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysates at 20ug per lane.

IL18R1Antibody(C-term) - Background

Receptor for interleukin 18 (IL-18). Binding to the agonist leads to the activation of NF-kappa-B.

IL18R1Antibody(C-term) - References

Parnet P.,et al.J. Biol. Chem. 271:3967-3970(1996).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Hillier L.W.,et al.Nature 434:724-731(2005).
Torigoe K.,et al.J. Biol. Chem. 272:25737-25742(1997).